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## EUROPEAN PATENT APPLICATION

(88) Date of publication A3:  
06.11.2002 Bulletin 2002/45

(51) Int Cl. 7: H01R 13/629, H01R 13/635

(43) Date of publication A2:  
12.09.2001 Bulletin 2001/37

(21) Application number: 01301215.8

(22) Date of filing: 12.02.2001

(84) Designated Contracting States:  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU  
MC NL PT SE TR

Designated Extension States:  
AL LT LV MK RO SI

(30) Priority: 08.03.2000 JP 2000063624

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### (54) Connector

(57) The invention provides fitting detecting means that can be attached to a variety of types of electrical connector. Guiding rails 30 are provided on both ends of a male housing 20, these guiding rails 30 allowing detecting units 40 to be attached. The detecting units 40 have spring holders 41 that house coiled springs 60 and sliders 61. Flange members 31 of the guiding rails 30 are inserted into guide grooves 43 of guiding members 42 formed on inner side faces of the spring holders 41, thereby attaching the detecting units 40 to the fe-

male housing 20. The detecting units 40, if required, are attached to the female housing 20 before male and female housings 10 and 20 are fitted together. The sliders 61 of the detecting units 40 are pushed by the male housing 10 while the male and female housings 10 and 20 are being fitted together, this compressing the coiled springs 60 as they are being pushed towards the posterior.



European Patent  
Office

## EUROPEAN SEARCH REPORT

Application Number  
EP 01 30 1215

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<p>The present search report has been drawn up for all claims</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left; padding: 2px;">Place of search</th> <th style="text-align: left; padding: 2px;">Date of completion of the search</th> <th style="text-align: left; padding: 2px;">Examiner</th> </tr> <tr> <td style="padding: 2px;">THE HAGUE</td> <td style="padding: 2px;">12 September 2002</td> <td style="padding: 2px;">Salojärvi, K</td> </tr> </table>				Place of search	Date of completion of the search	Examiner	THE HAGUE	12 September 2002	Salojärvi, K
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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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